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921 ***Kazuhiro Kakimi, Luca G. Guidotti, Yasuhiko Koezuka, and Francis V. Chisari.*** Natural killer T cell activation inhibits hepatitis B virus replication in vivo

931 ***Lynn G. Hannum, Ann M. Haberman, Shannon M. Anderson, and Mark J. Shlomchik.*** Germinal center initiation, variable gene region hypermutation, and mutant B cell selection without detectable immune complexes on follicular dendritic cells

943 ***Edward J. Usherwood, Douglas J. Roy, Kim Ward, Sherri L. Surman, Bernadette M. Dutia, Marcia A. Blackman, James P. Stewart, and David L. Woodland.*** Control of gammaherpesvirus latency by latent antigen-specific $CD8^+$ T cells

953 ***Richard K.G. Do, Eunice Hatada, Hayyoung Lee, Michelle R. Tourigny, David Hilbert, and Selina Chen-Kiang.*** Attenuation of apoptosis underlies B lymphocyte stimulator enhancement of humoral immune response

965 ***D. Branch Moody, Mark R. Guy, Ethan Grant, Tan-Yun Cheng, Michael B. Brenner, Gurdyal S. Besra, and Steven A. Porcelli.*** CD1b-mediated T cell recognition of a glycolipid antigen generated from mycobacterial lipid and host carbohydrate during infection

977 ***Gregory Z. Tau, Thierry von der Weid, Binfeng Lu, Simone Cowan, Marina Kvatyuk, Alessandra Pernis, Giorgio Cattoretti, Ned S. Braunstein, Robert L. Coffman, and Paul B. Rothman.*** Interferon γ signaling alters the function of T helper type 1 cells

987 ***Edward M. Schaeffer, Christine Broussard, Jayanta Debnath, Stacie Anderson, Daniel W. McVicar, and Pamela L. Schwartzberg.*** Tec family kinases modulate thresholds for thymocyte development and selection

1001 ***Dmitry B. Zorov, Charles R. Filburn, Lars-Oliver Klotz, Jay L. Zweier, and Steven J. Sollott.*** Reactive oxygen species (ROS)-induced ROS release: a new phenomenon accompanying induction of the mitochondrial permeability transition in cardiac myocytes

1015 ***Sophie Brouard, Leo E. Otterbein, Josef Anrather, Edda Tobiasch, Fritz H. Bach, Augustine M.K. Choi, and Miguel P. Soares.*** Carbon monoxide generated by heme oxygenase 1 suppresses endothelial cell apoptosis

1027 ***Gordon J. Freeman, Andrew J. Long, Yoshiko Iwai, Karen Bourque, Tatyana Chernova, Hiroyuki Nishimura, Lori J. Fitz, Nelly Malenkovich, Taku Okazaki, Michael C. Byrne, Heidi F. Horton, Lynette Fouser, Laura Carter, Vincent Ling, Michael R. Bowman, Beatriz M. Carreno, Mary Collins, Clive R. Wood, and Tasuku Honjo.*** Engagement of the PD-1 immunoinhibitory receptor by a novel B7 family member leads to negative regulation of lymphocyte activation

1035 ***Veronika Jesenberger, Katarzyna J. Procyk, Junying Yuan, Siegfried Reipert, and Manuela Baccarini.*** *Salmonella*-induced caspase-2 activation in macrophages: a novel mechanism in pathogen-mediated apoptosis

1047 ***Nancy J. Boerth, Jeffrey J. Sadler, Daniel E. Bauer, James L. Clements, Shereen M. Gheith, and Gary A. Koretzky.*** Recruitment of SLP-76 to the membrane and glycolipid-enriched membrane microdomains replaces the requirement for linker for activation of T cells in T cell receptor signaling

1059 ***Jun Wu, Holly Cherwinski, Thomas Spies, Joseph H. Phillips, and Lewis L. Lanier.*** DAP10 and DAP12 form distinct, but functionally cooperative, receptor complexes in natural killer cells

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1069 ***De Yang, Qian Chen, Albert P. Schmidt, G. Mark Anderson, Ji Ming Wang, Joseph Wooters, Joost J. Oppenheim, and Oleg Chertov.*** LL-37, the neutrophil granule– and epithelial cell–derived cathelicidin, utilizes formyl peptide receptor–like 1 (FPRL1) as a receptor to chemoattract human peripheral blood neutrophils, monocytes, and T cells

1075 ***Leonid Izikson, Robyn S. Klein, Israel F. Charo, Howard L. Weiner, and Andrew D. Luster.*** Resistance to experimental autoimmune encephalomyelitis in mice lacking the CC chemokine receptor (CCR)2

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F21 ***Sophie Roy and Donald W. Nicholson.*** Cross-talk in cell death signaling

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1081 ***Karine F. Ferri, Etienne Jacotot, Julià Blanco, José A. Esté, Naoufal Zamzami, Santos A. Susin, Zhihua Xie, Greg Brothers, John C. Reed, Josef M. Penninger, and Guido Kroemer.*** Apoptosis control in syncytia induced by the HIV type 1–envelope glycoprotein complex: role of mitochondria and caspases

1093 ***C. Fitzhugh Yeatman II, Sarah M. Jacobs-Helber, Paria Mirmonsef, Sheila R. Gillespie, Lawrence Andrew Bouton, Henrietta A. Collins, Stephen T. Sawyer, Christopher P. Shelburne, and John J. Ryan.*** Combined stimulation with the T helper cell type 2 cytokines interleukin (IL)-4 and IL-10 induces mouse mast cell apoptosis

1105 ***Ross M. Kedl, William A. Rees, David A. Hildeman, Brian Schaefer, Tom Mitchell, John Kappler, and Philippa Marrack.*** T cells compete for access to antigen-bearing antigen-presenting cells

1115 ***Robbert van der Voort, Robert M.J. Keehnen, Esther A. Beuling, Marcel Spaargaren, and Steven T. Pals.*** Regulation of cytokine signaling by B cell antigen receptor and CD40-controlled expression of heparan sulfate proteoglycans

1125 ***Jinfang Zhu, Hua Huang, Liying Guo, Timothy Stonehouse, Cynthia J. Watson, Jane Hu-Li, and William E. Paul.*** Transient inhibition of interleukin 4 signaling by T cell receptor ligation

1135 ***Laurel L. Lenz, Eric A. Butz, and Michael J. Bevan.*** Requirements for bone marrow–derived antigen-presenting cells in priming cytotoxic T cell responses to intracellular pathogens

1143 ***Luis J. Sigal and Kenneth L. Rock.*** Bone marrow–derived antigen-presenting cells are required for the generation of cytotoxic T lymphocyte responses to viruses and use transporter associated with antigen presentation (TAP)-dependent and -independent pathways of antigen presentation

1151 ***Kenji Itoh, Eric Meffre, Emilia Albesiano, Andrew Farber, David Dines, Peter Stein, Stanley E. Asnis, Richard A. Furie, Rita I. Jain, and Nicholas Chiorazzi.*** Immunoglobulin heavy chain variable region gene replacement as a mechanism for receptor revision in rheumatoid arthritis synovial tissue B lymphocytes

1165 ***Véronique Rochat-Steiner, Karin Becker, Olivier Micheau, Pascal Schneider, Kim Burns, and Jürg Tschopp.*** FIST/HIPK3: a Fas/FADD-interacting serine/threonine kinase that induces FADD phosphorylation and inhibits Fas-mediated Jun NH_2-terminal kinase activation

1175 ***Annaiah Cariappa, Hsiou-Chi Liou, Bruce H. Horwitz, and Shiv Pillai.*** Nuclear factor κB is required for the development of marginal zone B lymphocytes

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1183 ***Alexander L. Kovalchuk, Chen-Feng Qi, Ted A. Torrey, Lekidelu Taddesse-Heath, Lionel Feigenbaum, Sung Sup Park, Armin Gerbitz, Gustav Klobeck, Konstanze Hoertnagel, Axel Polack, Georg W. Bornkamm, Siegfried Janz, and Herbert C. Morse III.*** Burkitt lymphoma in the mouse

1191 ***Ferenc Livak, Douglas B. Burtrum, Lee Rowen, David G. Schatz, and Howard T. Petrie.*** Genetic modulation of T cell receptor gene segment usage during somatic recombination

1197 ***Charles N. Serhan, Clary B. Clish, Jessica Brannon, Sean P. Colgan, Nan Chiang, and Karsten Gronert.*** Novel functional sets of lipid-derived mediators with antiinflammatory actions generated from omega-3 fatty acids via cyclooxygenase 2–nonsteroidal antiinflammatory drugs and transcellular processing

1205 ***May Ho, Michael J. Hickey, Allan G. Murray, Graciela Andonegui, and Paul Kubes.*** Visualization of *Plasmodium falciparum*–endothelium interactions in human microvasculature: mimicry of leukocyte recruitment[o]

[o]The online version of this article contains supplemental material.

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1213 ***Helmut Jonuleit, Edgar Schmitt, Gerold Schuler, Jürgen Knop, and Alexander H. Enk.*** Induction of interleukin 10–producing, nonproliferating $CD4^+$ T cells with regulatory properties by repetitive stimulation with allogeneic immature human dendritic cells

1223 ***Eva Richard, Francisco X. Arredondo-Vega, Ines Santisteban, Susan J. Kelly, Dhavalkumar D. Patel, and Michael S. Hershfield.*** The binding site of human adenosine deaminase for CD26/dipeptidyl peptidase IV: the Arg142Gln mutation impairs binding to CD26 but does not cause immune deficiency

1237 ***Nada Jabado, Andrzej Jankowski, Samuel Dougaparsad, Virginie Picard, Sergio Grinstein, and Philippe Gros.*** Natural resistance to intracellular infections: natural resistance–associated macrophage protein 1 (NRAMP1) functions as a pH-dependent manganese transporter at the phagosomal membrane

1249 ***Noemí Sevilla, Stefan Kunz, Andreas Holz, Hanna Lewicki, Dirk Homann, Hiroki Yamada, Kevin P. Campbell, Juan C. de la Torre, and Michael B.A. Oldstone.*** Immunosuppression and resultant viral persistence by specific viral targeting of dendritic cells

1261 ***Sheila Sturgill-Koszycki and Michele S. Swanson.*** *Legionella pneumophila* replication vacuoles mature into acidic, endocytic organelles

1273 ***Kazuhiro Sudo, Hideo Ema, Yohei Morita, and Hiromitsu Nakauchi.*** Age-associated characteristics of murine hematopoietic stem cells

1281 ***Hideo Ema, Hina Takano, Kazuhiro Sudo, and Hiromitsu Nakauchi.*** In vitro self-renewal division of hematopoietic stem cells

1289 ***Julio Scharfstein, Veronica Schmitz, Veronica Morandi, Marcia M.A. Capella, Ana Paula C.A. Lima, Alexandre Morrot, Luiz Juliano, and Werner Müller-Esterl.*** Host cell invasion by *Trypanosoma cruzi* is potentiated by activation of bradykinin B_2 receptors

1301 ***Joanne Fanelli Panus, Louise J. McHeyzer-Williams, and Michael G. McHeyzer-Williams.*** Antigen-specific T helper cell function: differential cytokine expression in primary and memory responses

1317 ***Gerhard Walzl, Sabrina Tafuro, Paul Moss, Peter J.M. Openshaw, and Tracy Hussell.*** Influenza virus lung infection protects from respiratory syncytial virus–induced immunopathology

1327 ***Bruno Kilunga Kubata, Michael Duszenko, Zakayi Kabututu, Marc Rawer, Alexander Szallies, Ko Fujimori, Takashi Inui, Tomoyoshi Nozaki, Kouwa Yamashita, Toshihiro Horii, Yoshihiro Urade, and Osamu Hayaishi.*** Identification of a novel prostaglandin $F_{2\alpha}$ synthase in *Trypanosoma brucei*

1339 ***Zhibin Chen, Sergei B. Koralov, and Garnett Kelsoe.*** Complement C4 inhibits systemic autoimmunity through a mechanism independent of complement receptors CR1 and CR2

1353 ***Debra Gershov, SunJung Kim, Nathan Brot, and Keith B. Elkon.*** C-reactive protein binds to apoptotic cells, protects the cells from assembly of the terminal complement components, and sustains an antiinflammatory innate immune response: implications for systemic autoimmunity

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1365 ***Frances N. Karanu, Barbara Murdoch, Lisa Gallacher, Dongmei M. Wu, Masahide Koremoto, Seiji Sakano, and Mickie Bhatia.*** The Notch ligand Jagged-1 represents a novel growth factor of human hematopoietic stem cells

1373 *Masafumi Nakayama, Nobuhiko Kayagaki, Noriko Yamaguchi, Ko Okumura, and Hideo Yagita.* Involvement of TWEAK in interferon γ–stimulated monocyte cytotoxicity

1381 *Liat Flaishon, Rami Hershkoviz, Frida Lantner, Ofer Lider, Ronen Alon, Yoram Levo, Richard A. Flavell, and Idit Shachar.* Autocrine secretion of interferon γ negatively regulates homing of immature B cells

1389 *Correction*

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F27 *Vladimir Poltoratsky, Myron F. Goodman, and Matthew D. Scharff.* Error-prone candidates vie for somatic mutation

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1391 *Jeffrey A. Heibein, Ing Swie Goping, Michele Barry, Michael J. Pinkoski, Gordon C. Shore, Douglas R. Green, and R. Chris Bleackley.* Granzyme B–mediated cytochrome c release is regulated by the Bcl-2 family members Bid and Bax

1403 *Vivien R. Sutton, Joanne E. Davis, Michael Cancilla, Ricky W. Johnstone, Astrid A. Ruefli, Karin Sedelies, Kylie A. Browne, and Joseph A. Trapani.* Initiation of apoptosis by granzyme B requires direct cleavage of Bid, but not direct granzyme B–mediated caspase activation

1415 *Kristin Persson, Matthias Mörgelin, Lennart Lindbom, Per Alm, Lars Björck, and Heiko Herwald.* Severe lung lesions caused by *Salmonella* are prevented by inhibition of the contact system

1425 *J. Elizabeth Gretz, Christopher C. Norbury, Arthur O. Anderson, Amanda E.I. Proudfoot, and Stephen Shaw.* Lymph-borne chemokines and other low molecular weight molecules reach high endothelial venules via specialized conduits while a functional barrier limits access to the lymphocyte microenvironments in lymph node cortex

1441 *Tilo Biedermann, Manfred Kneilling, Reinhard Mailhammer, Konrad Maier, Christian A. Sander, George Kollias, Steven L. Kunkel, Lothar Hültner, and Martin Röcken.* Mast cells control neutrophil recruitment during T cell–mediated delayed-type hypersensitivity reactions through tumor necrosis factor and macrophage inflammatory protein 2

1453 *Marcel Batten, Joanna Groom, Teresa G. Cachero, Fang Qian, Pascal Schneider, Jurg Tschopp, Jeffrey L. Browning, and Fabienne Mackay.* BAFF mediates survival of peripheral immature B lymphocytes

1467 *Dongku Kim, Reina E. Mebius, John D. MacMicking, Steffen Jung, Tom Cupedo, Yaneth Castellanos, Jaerang Rho, Brian R. Wong, Regis Josien, Nacksung Kim, Paul D. Rennert, and Yongwon Choi.* Regulation of peripheral lymph node genesis by the tumor necrosis factor family member TRANCE

1479 *Diane M. Giannola, Warren D. Shlomchik, Mithila Jegathesan, David Liebowitz, Charles S. Abrams, Tom Kadesch, Andrew Dancis, and Stephen G. Emerson.* Hematopoietic expression of HOXB4 is regulated in normal and leukemic stem cells through transcriptional activation of the HOXB4 promoter by upstream stimulating factor (USF)-1 and USF-2

1491 *Tatsuyoshi Kawamura, Sandra S. Cohen, Debra L. Borris, Elisabeth A. Aquilino, Svetlana Glushakova, Leonid B. Margolis, Jan M. Orenstein, Robin E. Offord, A. Robert Neurath, and Andrew Blauvelt.* Candidate microbicides block HIV-1 infection of human immature Langerhans cells within epithelial tissue explants

1501 *Michel Detheux, Ludger Ständker, Jalal Vakili, Jan Münch, Ulf Forssmann, Knut Adermann, Stefan Pöhlmann, Gilbert Vassart, Frank Kirchhoff, Marc Parmentier, and Wolf-Georg Forssmann.* Natural proteolytic processing of hemofiltrate CC chemokine 1 generates a potent CC chemokine receptor (CCR)1 and CCR5 agonist with anti-HIV properties

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1509 ***Mats Bemark, Julian E. Sale, Hye-Jung Kim, Claudia Berek, Ruth A. Cosgrove, and Michael S. Neuberger.*** Somatic hypermutation in the absence of DNA-dependent protein kinase catalytic subunit (DNA-PK_{cs}) or recombination-activating gene (RAG)1 activity

1515 ***Wayne W. Hancock, Bao Lu, Wei Gao, Vilmos Csizmadia, Kerrie Faia, Jennifer A. King, Stephen T. Smiley, Mai Ling, Norma P. Gerard, and Craig Gerard.*** Requirement of the chemokine receptor CXCR3 for acute allograft rejection

1521 ***Gobardhan Das, Dina S. Gould, Mathew M. Augustine, Gladis Fragoso, Edda Scitto, Iwona Stroynowski, Luc Van Kaer, Danny J. Schust, Hidde Ploegh, and Charles A. Janeway, Jr.*** Qa-2–dependent selection of CD8α/α T cell receptor α/β^+ cells in murine intestinal intraepithelial lymphocytes

1529 ***Antonio G. Castro, Margaret Neighbors, Stephen D. Hurst, Francesca Zonin, Regina A. Silva, Erin Murphy, Yong-Jun Liu, and Anne O'Garra.*** Anti–interleukin 10 receptor monoclonal antibody is an adjuvant for T helper cell type 1 responses to soluble antigen only in the presence of lipopolysaccharide

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F31 ***Charles R. Mackay.*** Follicular homing T helper (Th) cells and the Th1/Th2 paradigm

F35 ***Carl F. Ware.*** APRIL and BAFF connect autoimmunity and cancer

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1535 ***Frederic Berard, Patrick Blanco, Jean Davoust, Eve-Marie Neidhart-Berard, Mahyar Nouri-Shirazi, Nicolas Taquet, Donata Rimoldi, Jean Charles Cerottini, Jacques Banchereau, and A. Karolina Palucka.*** Cross-priming of naive CD8 T cells against melanoma antigens using dendritic cells loaded with killed allogeneic melanoma cells

1545 ***Dagmar Breitfeld, Lars Ohl, Elisabeth Kremmer, Joachim Ellwart, Federica Sallusto, Martin Lipp, and Reinhold Förster.*** Follicular B helper T cells express CXC chemokine receptor 5, localize to B cell follicles, and support immunoglobulin production

1553 ***Patrick Schaerli, Katharina Willimann, Alois B. Lang, Martin Lipp, Pius Loetscher, and Bernhard Moser.*** CXC chemokine receptor 5 expression defines follicular homing T cells with B cell helper function

1563 ***Ramachandra S. Naik, OraLee H. Branch, Amina S. Woods, Matam Vijaykumar, Douglas J. Perkins, Bernard L. Nahlen, Altaf A. Lal, Robert J. Cotter, Catherine E. Costello, Christian F. Ockenhouse, Eugene A. Davidson, and D. Channe Gowda.*** Glycosylphosphatidylinositol anchors of *Plasmodium falciparum*: molecular characterization and naturally elicited antibody response that may provide immunity to malaria pathogenesis

1577 ***Norihiko Watanabe, Koichi Ikuta, Sidonia Fagarasan, Shujiro Yazumi, Tsutomu Chiba, and Tasuku Honjo.*** Migration and differentiation of autoreactive B-1 cells induced by activated γ/δ T cells in antierythrocyte immunoglobulin transgenic mice

1587 ***Zhongde Wang, Tao Zheng, Zhou Zhu, Robert J. Homer, Richard J. Riese, Harold A. Chapman, Jr., Steven D. Shapiro, and Jack A. Elias.*** Interferon γ induction of pulmonary emphysema in the adult murine lung

1601 ***Keiji Ogura, Shin Maeda, Masafumi Nakao, Takeshi Watanabe, Mayumi Tada, Toshimasa Kyutoku, Haruhiko Yoshida, Yasushi Shiratori, and Masao Omata.*** Virulence factors of *Helicobacter pylori* responsible for gastric diseases in Mongolian gerbil

1611 ***Wilfried Ellmeier, Steffen Jung, Mary Jean Sunshine, Farah Hatam, Yang Xu, David Baltimore, Hiroyuki Mano, and Dan R. Littman.*** Severe B cell deficiency in mice lacking the Tec kinase family members Tec and Btk

1625 ***Fermín A. Goytisolo, Enrique Samper, Juan Martín-Caballero, Paul Finnon, Eloísa Herrera, Juana M. Flores, Simon D. Bouffler, and María A. Blasco.*** Short telomeres result in organismal hypersensitivity to ionizing radiation in mammals

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1637 ***Cassian Yee, John A. Thompson, Patrick Roche, David R. Byrd, Peter P. Lee, Michael Piepkorn, Karla Kenyon, Mark M. Davis, Stanley R. Riddell, and Philip D. Greenberg.*** Melanocyte destruction after antigen-specific immunotherapy of melanoma: direct evidence of T cell–mediated vitiligo

1645 ***Francesco Dieli, Guido Sireci, Domenica Russo, Masaru Taniguchi, Juraj Ivanyi, Carmen Fernandez, Marita Troye-Blomberg, Giacomo De Leo, and Alfredo Salerno.*** Resistance of natural killer T cell–deficient mice to systemic Shwartzman reaction

1653 ***Edgar Badell, Claude Oeuvray, Alicia Moreno, Soe Soe, Nico van Rooijen, Ahmed Bouzidi, and Pierre Druilhe.*** Human malaria in immunocompromised mice: an in vivo model to study defense mechanisms against *Plasmodium falciparum*

1661 ***Maria Rescigno, Vincent Piguet, Barbara Valzasina, Suzanne Lens, Rudolf Zubler, Lars French, Vincent Kindler, Jürg Tschopp, and Paola Ricciardi-Castagnoli.*** Fas engagement induces the maturation of dendritic cells (DCs), the release of interleukin (IL)-1β, and the production of interferon γ in the absence of IL-12 during DC–T cell cognate interaction: a new role for Fas ligand in inflammatory responses

1669 ***Takako Hirata, Glenn Merrill-Skoloff, Melissa Aab, Jing Yang, Barbara C. Furie, and Bruce Furie.*** P-selectin glycoprotein ligand 1 (PSGL-1) is a physiological ligand for E-selectin in mediating T helper 1 lymphocyte migration

1677 ***Paul Rennert, Pascal Schneider, Teresa G. Cachero, Jeffrey Thompson, Luciana Trabach, Sylvie Hertig, Nils Holler, Fang Qian, Colleen Mullen, Kathy Strauch, Jeffrey L. Browning, Christine Ambrose, and Jürg Tschopp.*** A soluble form of B cell maturation antigen, a receptor for the tumor necrosis factor family member APRIL, inhibits tumor cell growth

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F39 ***Jacques Banchereau, Bali Pulendran, Ralph Steinman, and Karolina Palucka.*** Will the making of plasmacytoid dendritic cells in vitro help unravel their mysteries?

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1685 ***Joke M.M. den Haan, Sophie M. Lehar, and Michael J. Bevan.*** $CD8^+$ but not $CD8^-$ dendritic cells cross-prime cytotoxic T cells in vivo

1697 ***Chih-Ling Chou and Scheherazade Sadegh-Nasseri.*** HLA-DM recognizes the flexible conformation of major histocompatibility complex class II

1707 ***Jos Domen and Irving L. Weissman.*** Hematopoietic stem cells need two signals to prevent apoptosis; BCL-2 can provide one of these, Kitl/c-Kit signaling the other

1719 ***Marcella Fassò, Niroshana Anandasabapathy, Frances Crawford, John Kappler, C. Garrison Fathman, and William M. Ridgway.*** T cell receptor (TCR)-mediated repertoire selection and loss of TCR Vβ diversity during the initiation of a $CD4^+$ T cell response in vivo

1731 ***Bernd van der Loo, Ralf Labugger, Jeremy N. Skepper, Markus Bachschmid, Juliane Kilo, Janet M. Powell, Miriam Palacios-Callender, Jorge D. Erusalimsky, Thomas Quaschning, Tadeusz Malinski, Daniel Gygi, Volker Ullrich, and Thomas F. Lüscher.*** Enhanced peroxynitrite formation is associated with vascular aging

1745 ***Frank Gärtner, Frederick W. Alt, Robert J. Monroe, and Katherine J. Seidl.*** Antigen-independent appearance of recombination activating gene (RAG)-positive bone marrow B cells in the spleens of immunized mice

1755 ***Angela L. Zarling, Scott B. Ficarro, Forest M. White, Jeffrey Shabanowitz, Donald F. Hunt, and Victor H. Engelhard.*** Phosphorylated peptides are naturally processed and presented by major histocompatibility complex class I molecules in vivo

1763 ***Amy J. Reed, Michael P. Riley, and Andrew J. Caton.*** Virus-induced maturation and activation of autoreactive memory B cells

1775 ***Hergen Spits, Franka Couwenberg, Arjen Q. Bakker, Kees Weijer, and Christel H. Uittenbogaart.*** Id2 and Id3 inhibit development of $CD34^+$ stem cells into predendritic cell (pre-DC)2 but not into pre-DC1: evidence for a lymphoid origin of pre-DC2

1785 ***Bianca Blom, Stephen Ho, Svetlana Antonenko, and Yong-Jun Liu.*** Generation of interferon α–producing predendritic cell (pre-DC)2 from human $CD34^+$ hematopoietic stem cells

1797 ***Ionita Ghiran, Sergi F. Barbashov, Lloyd B. Klickstein, Sander W. Tas, Jens C. Jensenius, and Anne Nicholson-Weller.*** Complement receptor 1/CD35 is a receptor for mannan-binding lectin

1809 ***Belinda Knight, George C.T. Yeoh, Kirsten L. Husk, Tina Ly, Lawrence J. Abraham, Changpu Yu, Jonathan A. Rhim, and Nelson Fausto.*** Impaired preneoplastic changes and liver tumor formation in tumor necrosis factor receptor type 1 knockout mice

1819 ***Philip J.R. Goulder, Yanhua Tang, Christian Brander, Michael R. Betts, Marcus Altfeld, Ken Annamalai, Alicja Trocha, Suqin He, Eric S. Rosenberg, Graham Ogg, Christopher A. O'Callaghan, Spyros A. Kalams, Ross E. McKinney, Jr., Kenneth Mayer, Richard A. Koup, Stephen I. Pelton, Sandra K. Burchett, Kenneth McIntosh, and Bruce D. Walker.*** Functionally inert HIV-specific cytotoxic T lymphocytes do not play a major role in chronically infected adults and children

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1833 ***Markus Müschen, Daniel Re, Berit Jungnickel, Volker Diehl, Klaus Rajewsky, and Ralf Küppers.*** Somatic mutation of the CD95 gene in human B cells as a side-effect of the germinal center reaction

1841 ***Rajko Reljic, Simon D. Wagner, Luke J. Peakman, and Douglas T. Fearon.*** Suppression of signal transducer and activator of transcription 3–dependent B lymphocyte terminal differentiation by BCL-6

1849 ***Pamela A. Knight, Steven H. Wright, Catherine E. Lawrence, Yvonne Y.W. Paterson, and Hugh R.P. Miller.*** Delayed expulsion of the nematode *Trichinella spiralis* in mice lacking the mucosal mast cell–specific granule chymase, mouse mast cell protease-1